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Artikel

Pemanfaatan Kemampuan Metakognitif Dalam Upaya Peningkatan Proses Berpikir Kreatif Siswa Dalam Pembelajaran Matematika

agustin patmaningrum 15-21

PDF

Upaya Peningkatan Kualitas Pembelajaran Akuntansi Dengan Model Student Fasilitator And Explaining Pada Siswa Kelas X SMK PGRI 2 Nganjuk Tahun Ajaran 2016/2017

Lely Farida 28-41

PDF

Penerapan Metode Pembinaan Kreatifitas Pada Siswa Kelas XII TSM-1 SMK Muhammadiyah 1 Nganjuk Untuk Meningkatkan Prestasi Belajar Kewirausahaan

Siti Ngaisah 99 - 116

PDF

Saintific Method In Reading Comprehension

Caltira Rosiana 22 - 27

PDF

Analisis Kebutuhan Pengembangan Modul Matematika Berbasis STEM (Science, Technology, Engineering, And Mathematics) Sebagai Upaya Penguatan Karakter Dan Peningkatan Daya Saing Lulusan SMK

Sherly Mayfana Panglipur Yekti, Reza Dimas Pravangasta Perdana 56 - 67

PDF

Pengaruh Kesadaran Politik Mahasiswa STKIP PGRI Nganjuk Tahun 2015-2016 Terhadap Tingkat Partisipasi Pemilihan Kepala Daerah Di Kabupaten Nganjuk Tahun 2013

Ratna Pramitasari, Yudha Harnanto 49 - 55

PDF

Meningkatkan Keaktifan Dan Prestasi Belajar Siswa Dengan Pembelajaran Kooperatif Tipe Two Stay Two Stray Berbasis Lesson Study Pada Mata Pelajaran Matematika Peminatan Kelas Xi Mipa 2 SMA N 1 Weru Sukoharjo Tahun Ajaran 2019/2020

Adhitya Eko Cahya Putro, Herry Agus Susanto, Annisa Prima Exacta 1 - 14

PDF

Penggunaan Teknik Merangkai Bidang Berwarna Untuk Meningkatkan Aktivitas dan Kemampuan Menggambar Kubisme Pada Siswa Kelas IX H SMP Negeri 3 Nganjuk

Wuryaningsih 79 - 91

PDF

Ananlisis Pengembangan Digital Library Untuk Meningkatkan Minat Baca

Addin Zuhrotul Aini; Rihandoko Rihandoko, Sapna Safitri, Enggar Purna Miratania 119 - 128

PDF

Efektivitas Penggunaan Media Jari Tangan Untuk Meningkatkan Pemahaman Mekanisme Debet Kredit Mata Pelajaran Akuntansi Dasar Pada Kelas X.111.2 SMK PGRI 2 Nganjuk Tahun Ajaran 2018/2019

Siti Nurul Aini 68 - 78

PDF

Upaya Meningkatkan Hasil Belajar Siswa Mata Pelajaran PKN Dengan Menggunakan Model Pembelajaran Make A Match

Nurin Masfufah, Rasid Anggara 42 - 48

PDF

Peningkatan Prestasi Belajar PPKN Pada Kompetensi Dasar Kedaulatan Rakyat Melalui Optimalisasi Pemberian Tugas Berupa Pekerjaan Rumah (PR)

Yesi Puspitasari, Chodib Suyoso 92 - 98

PDF

ISSN: 1907 – 2813
JURNAL DHARMA PENDIDIKAN Volume 14, Nomor 1, April 2019
STKIP PGRI NGANJUK Halaman: 22 - 27

SAINTIFIC METHOD IN READING COMPREHENSION

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ABSTRACT

Experimental research was conduct toward this study. The researcher doing this research as the continue research from last study, to know the effectiveness of using Saintific Method for others subject. There are any differences between student's reading comprehension skill before and after being taught by using Saintific Method in the eleventh grade of Math and CIVICs Students. So, the Saintific Method is effective to teaching student's reading comprehension. Based on the observation in the experimental class for non English- Students was good result. It shows the students get score average in pre-test 66,66 and post-test was 80,55.

Keyword: Saintific Method, Reading Comprehension

Introduction

University students are ready to face the KKNI curriculum, and then now we are still process going to apply"merdeka curriculum". To apply this curriculum, non-English students should be mastered reading coprehension. Comprehension is the functional text such as recount, descriptive and procedure text. In daily context include the definition, generic structure and language features.

Reading is process involves deep comprehension. Reading is collection of letter, words, and sentences in the text to build the readers comprehension. Based on the statement reading is an important process to build our compression to get information and increase our knowledge. (Rosiana, C and Sujono 2018) stated that reading comprehension is combining readers' knowledge and information from the text to build the meaning. So, reading comprehension is not just about reading in accurate pronunciation and loud voice. Without comprehension the text, we just read the text but not get information, knowledge and even problem by the text.

In fact, many students have low ability in reading, because they do not understand of the text, it is related by Program for International Student Assessment (PISA, 2018). This survey is conducted every 3 years in 77 countries.

ISSN: 1907 – 2813
Volume 14, Nomor 1, April 2019
Halaman: 22 - 27

Based on that survey reading literacy shows Indonesia is ranked 72 out of 77 participating countries. Reading literacy of Univertsity students is tested by reading a text and they are given some question. But Indonesia students get level 1 in that survey. They just read the text without understand the text. These realities showed students' ability in Indonesia still low to comprehend the text.

The university students, especially Math and CIVICs students found the problem to faced reading comprehension. The first problem is they have low vocabulary. The students' problems makes they got difficulty to comprehend the main idea of the text. Secondly, they bored with the longer text. When the teacher gives some question to the students, most of them give wrong answer. This condition indicate how low proficiency of the students in reading comprehension (Rosiana. C: 2011). From that problem the teacher must find the best method to resolve it.

As a lecturer we must use many various methods to solve the problem and we choose the one the best method (Schmalz, X., Moll, K., Mulatti, C., & Schulte-Körne, G., 2019). How we can improve their reading ability and make the students interesting with our learning. One of the way is Saintific Method Saintific Method is one of strategy to learn in cooperative learning. The students will pairs in small group. This strategy can motivate the students to express and share their opinion. The researcher believes this strategy make active learning in the class and improve the student comprehension and retention of information text.

There are three purpose of this research. The first, finding out students' reading comprehension skill before taught by using Saintific Method. Second functions is finding out students' reading comprehension skill after taught by using Saintific Method. Third, to find out the effectiveness of using Saintific Method to teach student's reading comprehension.

Research Method

Research design is a design uses to facilities and guide the researcher easier to carry out the research. It means the research design makes the research more active, logic and systematic. The researcher must use the right one type for this

ISSN: 1907 – 2813
Volume 14, Nomor 1, April 2019
Halaman: 22 - 27

research. It makes the researcher apply right step to clear the problem. Then Sugiyono (2007:107) states the experimental study interpreted research method to know the specific treatment effect on controlled conditions. The researcher or the teacher give the treatment to the students through the technique in pre-test and post-test. The experimental design divides into many types, such us: pre-experimental design, true experimental design, and factorial design and quasi – experimental.

In this study, chose pre- experimental design as the design. The researcher uses one group pre-test and post-test for this research. The pre-test will be given to the students' reading with recount text. After that, the researcher gives treatment using Saintific Method then if all activity done, the researcher will be gives post-test to the students. as result, the researcher compared score between pre-test and post-test to know how effective by using Saintific Method It can be seen from the following figure:

O_1 X O_2

Design of the Study One Group Pre Test and Post Test

Note:

O_1 : pre-test (before given the treatment)

X : Treatment

O_2 : post-test (after given the treatment)

The Math and CIVICs students were given the treatmet and the students were taught by using Saintific Method . The treatment was given to give good effect for students' reading comprehension skill in recount text text. Before the treatment was conducted, pre-test was administrated. After the treatment, the post test was administrated to find the result of the research.

The population or the subjects of research are all of Math and CIVICs students. Based on the statement above, the data that is submited by researcher is the subject that is easy to be met. In this research, the researcher gives an assignment in pre test and post test to find out whether there is the significant or not between the students' reading comprehension skill that is taught by using

ISSN: 1907 – 2813
Volume 14, Nomor 1, April 2019
Halaman: 22 - 27

Saintific Method . In this pre test and post test the researcher gives an assignment to the students, the assignment consists of ten question. The question consist of two topic that is about biography and historical place.

Research Finding and Discussion

Data is obtained from the grades of the students of the experimental class. The description of data is obtained into several sections: pre-test, post-test and data analysis.

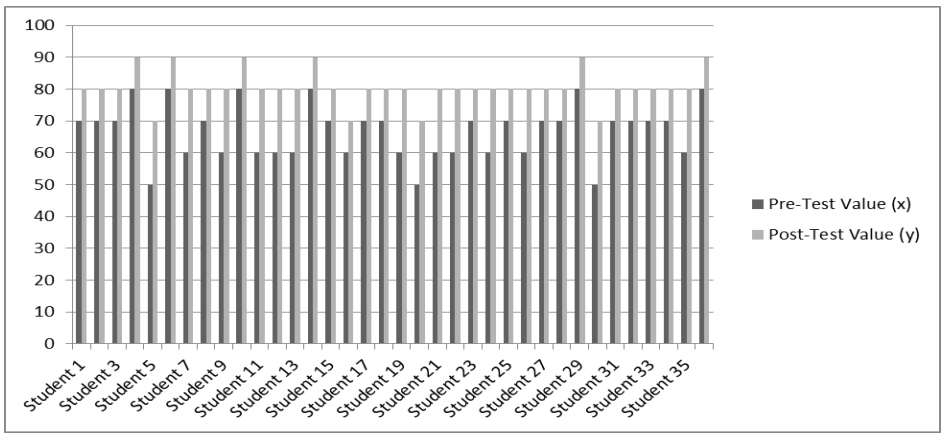
The Students' Reading Skill Before Taught By Using Saintific Method

Data is obtained from the experimental class 36 students from Math and CIVICs department and CIVIVCs Department did not receive conventional treatment. The students' score of reading skill before taught by using Saintific Method gets a pre-test score of 66,6, a pre-test median of 70 and a pre-test modus of 70. Based on above the result needs more effort to improve the score of students.

The students' score after using the Saintific Method

It is data from the result of the students received the treatment using Saintific Method . The students' reading skill after taught by using Saintific Method test gets a post-test of 80,5 , a post-test median of 80 and a post-test modus of 80. Based on the result we know the students' reading score of recount text by using Saintific Method got better than pre-test.

Table 1. The Comparison Score of Pre-Test and Post-Test



Discussion

In this case the researcher will do data analyze. It is about the application of the using Saintific Method toward students' reading comprehension skill in recount

ISSN: 1907 – 2813
Volume 14, Nomor 1, April 2019
Halaman: 22 - 27

text. The purpose of the data analyze is for proves the truth of hypothesis that the researcher asked will be accepted or rejected. It will be accepted when the hypothesis is correct and rejected when hypothesis is false. Therefore, the data that the researcher served must be processed so that can give clear description from result of the research about pre-test and post-test examination that has been done by Math and CIVICs Students.

In this research the data that has been analyzed is result of value from students and for knowing which one better between students' achievement before and after using Saintific Method . The different of pre test and post test is 510, and the mean of difference is 14,16. This research has 495,84deviation each subject and a number of deviation quadrate 5.451. The researcher can interpret the data based on the data analysis above and the interpretation of data as follows. The result of students' reading comprehension skill in experimental group pre-test which does not use treatment class,the mean 66,67 with the total of the students are 36 students.

The result of students' reading skill in experimental group which use treatment the mean is 80,56 with the total of the students are 36 students. From the data analysis the value of t0 > t(1-a). It means t0 is higher that t(1-a). As the result Ha has been accepted and Ho is rejected. It can be concluded there any effectiveness of using Saintific Method to teach students' reading comprehension.

Conclussion and Suggestion

Conclusions

The aim of this research is to find the effectiveness of using Saintific Method to improve students' reading comprehension skill in recount text. Based on the aim above, the researcher takes the conclusion as follow: The students' reading comprehension skill without using Saintific Method with mean 66,67 , median 70 and modus 70. The results have good enough score but still need more treatment to improve it.

The students' reading comprehension skill on recount text by using Saintific Method method with mean 80,56 , median 80 modus 80. The result after using Saintific Method have better score. There are significant differences between

ISSN: 1907 – 2813
Volume 14, Nomor 1, April 2019
Halaman: 22 - 27

before and after applying the Saintific Method the writer compare the result of t-test and t-table value. From the data analysis the value of *t- count* = 7,00 was higher than *t-table* = 2.03011 at level of significance 5%. As the result Ha has been accepted and Ho is rejected. It can be concluded there any effectiveness of using Saintific Method to teach students' reading comprehension skill in Saintific Method .

Suggestion

Based on the conclusion above, the researcher give some suggestion as follow, For the teacher, the results of the research give a new strategy for teaching reading skill by using Saintific Method . The Saintific Method support the teacher makes the students active to express their idea in reading comprehension. For the students, the Saintific Method increases the students' knowledge in reading comprehension especially in mechanism in reading. By using Saintific Method help the students to express their idea. For the researcher, this study the researcher hope this method can help in reading learning and the result of this study can be used as the reference for the other researcher.

BIBLIOGRAPHY

Rosana, C. (2011). *An Analysis Of The Students'ability On English Synonym In Reading Paragraph At Harvard English Course Pare-Kediri* (Doctoral dissertation, University of Muhammadiyah Malang).

Rosiana, C. *Productive Reading Technique To Reduce Ineffective Readers*. In The 4th National Conference on Language and Language Teaching (NCOLLT) 2018 is annual conference organized by English Education Department, Faculty of Teacher Training and Education, Universitas PGRI Adi Buana Surabaya. The conference provides the opportunity to all EFL experts, practicioners, researchers, and students to get together to share ideas, experiences, aspirations, and research findings. (p. 76).

Schmalz, X., Moll, K., Mulatti, C., & Schulte-Körne, G. (2019). Is statistical learning ability related to reading ability, and if so, why?. *Scientific Studies of Reading*, *23*(1), 64-76.

Sugiyono. (2007). Metode Penelitian Pendidikan: Pendekatan Kuantitaitf, Kualitatif dan R&D. Bandung: Alfabeta.